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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Zhao
Application Serial No.: 09/686,323
Filed: 10/09/00
For : Method for Fabricating an Interconnect Structure



Assistant Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above-identified:

☒ application,
☐ patent

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorneys are hereby appointed to prosecute and transact all business in the Patent and Trademark Office therewith:

From THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.: George M. Thomas, Reg. No. 22,260; James W. Kayden, Reg. No. 31,532; Scott A. Horstemeyer, Reg. No. 34,183; Stephen R. Risley, Reg. No. 35,659; Jeffrey R. Kuester, Reg. No. 34,367; Daniel J. Santos, Reg. No. 40,158; Michael J. Tempel, Reg. No. 41,344; Daniel R. McClure, Reg. No. 38,962; Robert E. Stachler II, Reg. No. 36,934; David P. Kelley, Reg. No. 17,420; Reg. No. 41,344; David R. Risley, Reg. No. 39,345; Jon E. Holland, Reg. No. 41,077; Dan R. Gresham, Reg. No. 41,805; J. Scott Culpepper, Reg. No. 41,692; M. Paul Qualey, Reg. No. 43,024; Robert P. Biddle, Reg. No. 35,826; Robert A. Blaha, Reg. No. 43,502; Jennifer M. Gruber, Reg. No. 42,601; Raymond W. Armentrout, Reg. No. 45,866; Cynthia J. Lee, Reg. No. 46,033; N. Andrew Crain, Reg. No. 45,442; Monica A. Winghart, Reg. No. 46,790; Sami O. Malas, Reg. No. 44,893; Marianne H. Parker, Reg. No. 46,165; Eric M. Ringer, Reg. No. 47,028; Larry E. Thompson, Reg. No. 41,346; Adam E. Crall, Reg. No. 46,646; William F. Heinze, Reg. No. 36,161.

From CONEXANT SYSTEMS, INC.: Daniel N. Yannuzzi, Reg. No. 36,727; Joseph H. Lee, Reg. No. 37,664; Semion Talpalatsky, Reg. No. 35,380; Stephen Warhola, Reg. No. 43,237

RECEIVED
JAN 16 2002
TC 2000 MAIL ROOM

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on October 26, 2001

John Campbell

Direct correspondence and telephone calls to:

Scott A. Horstemeyer
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.
100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339
770-933-9500



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ASSIGNEE OF ENTIRE INTEREST

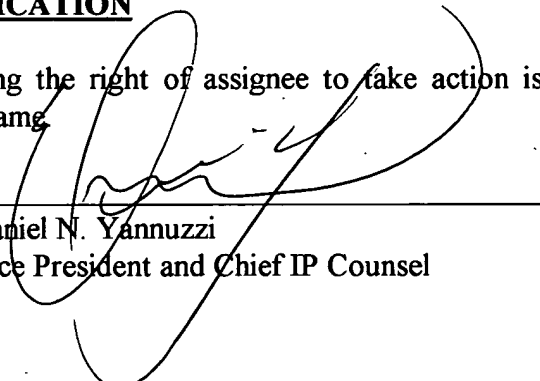
CONEXANT SYSTEMS, INC.
4311 Jamboree Road
Dept. 927, MS E10 005
Newport Beach, CA 92660-3095

ASSIGNEE CERTIFICATION

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same.

Date: _____

10/23/01



Daniel N. Yannuzzi
Vice President and Chief IP Counsel

Docket No.: 50324-1290
(Conexant No. 97RSS433DIV)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Zhao
Application Serial No.: 09/686,323
Filed: 10/09/00
For : Method for Fabricating an Interconnect Structure



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Assistant Commissioner for Patents
Washington, D.C. 20231

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee of the entire right, title and interest hereby seeks to take action in the PTO in this matter.

IDENTIFICATION OF ASSIGNEE

2. The assignee of this matter is:

CONEXANT SYSTEMS, INC.
4311 Jamboree Road, E10-005
Newport Beach, CA 92660

PERSON AUTHORIZED TO SIGN

3. Scott A. Horstemeyer
Attorney for Assignee

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on October 26, 2001

John Campbell

4. A chain of title from the inventor(s) to the current assignee is shown below:
- a. From: Bin Zhao
To: Rockwell Semiconductor Systems, Inc.
Recorded in PTO: See Exhibit A evidencing assignment that has already been filed. No Reel and Frame has been assigned as of yet.
 - b. From: Rockwell Semiconductor Systems, Inc.
To: Conexant Systems, Inc.
Recorded in PTO: See Exhibit B evidencing assignment that has already been filed. No Reel and Frame has been assigned as of yet.

DECLARATIONS

5. I, the undersigned, have reviewed all the documents in the chain of title of the

☒ application
☐ patent

matter identified above and, to the best of my knowledge and belief, title is in the assignee identified above.

6. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

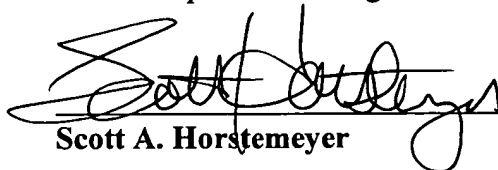
7. I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.

Reg. No. 34,183

Tel. No. 770-933-9500

Customer No.: 24504

Docket No. 50324-1290


Scott A. Horstemeyer

**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.**

100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339-5948

RECOMMENDATION FORM COVER SHEET

PATENTS ONLY

RECEIVED
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying part(ies):

Bin Zhao

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Rockwell Semiconductor Systems, Inc.

Street Address: 4311 Jamboree Road
Newport Beach, CA 92660

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: 10/06/98

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent application No.(s)

B. Patent No.(s)

09/686,323

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Scott A. Horstemeyer
Thomas, Kayden, Horstemeyer & Risley, L.L.P.
100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339-5948

6. Total number of applications/patents involved: [1]

7. Total fee (37 CFR 3.41) \$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit Account Number:

20-0778

(Attach duplicate copy of this page if paying by Deposit Account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Scott A. Horstemeyer

Typed Name

Signature

10/26/01
Date

Docket #: 50324-1290

Total number of pages including cover sheet, attachments, and document: [3]

Mail documents to be recorded with required cover sheet information to:
 Assistant Commissioner for Patents, Box Assignments
 Washington, D.C. 20231

Exhibit A

ASSIGNMENT OF INVENTION

WHEREAS, Bin Zhao, hereinafter sometimes referred to as "said inventors", have invented certain new and useful improvements in Interconnect Structure and Method Employing Air Gaps Between Metal Lines and Between Metal Layers which invention or inventions (hereinafter referred to as an "invention") have been disclosed to and filed, under Docket No. 97RSS433, in the patent files of their employer, ROCKWELL SEMICONDUCTOR SYSTEMS, INC., 4311 Jamboree Road, Newport Beach, CA 92660-3095 and which invention will be covered by a patent application, the serial number and filing date of which they hereby authorize their attorney to insert here, when known:

Serial No. _____ Filed _____

NOW THEREFORE, in consideration of the sum of one U.S. dollar (US\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventors have sold, assigned and transferred and by these presents do sell, assign, and transfer unto ROCKWELL SEMICONDUCTOR SYSTEMS, INC. the entire worldwide right, title and interest in and to said invention and in and to said application or any continuation, continuation-in-part, division, renewal, or substitute thereof, or any reissue or re-examination thereof, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by ROCKWELL SEMICONDUCTOR SYSTEMS, INC. for its own use and benefit and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent on same will be granted, as fully and entirely as the same would have been held by said inventors had this Assignment and sale not been made.

FURTHER, said inventors agree to sign all lawful papers necessary or helpful in obtaining a patent on said invention or in filing any continuation, continuation-in-part, division, substitution, or reissue application on said invention or in obtaining any re-examination thereof.

Executed at Newport Beach, County of Orange, and State of California, this 6th day of Oct, 1998.

First inventor

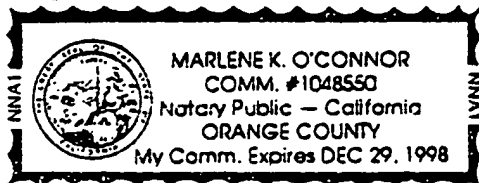
Bin Zhao

State of California)
) ss.
County of Orange)

on Oct. 6, 1998 before me, Marlene K. O'Connor, a Notary Public in and for said county, personally appeared Bin Zhao, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person ~~(s)~~ whose name ~~(s)~~ is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~(ies)~~, and that by his/~~her/their~~ signature~~(s)~~ on the instrument the person ~~(s)~~, or the entity upon behalf of which the person ~~(s)~~ acted, executed the instrument.

WITNESS my hand and official seal.

(Stamp)



Marlene K. O'Connor, Notary Public
Orange County

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

Patent and Trademark Office

RECEIVED

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Rockwell Semiconductor Systems, Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Conexant Systems, Inc.

Street Address: 4311 Jamboree Road
Newport Beach, CA 92660-3095Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☒ Change of Name
☐ Other:

Execution Date: 10/14/98

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent application No.(s)

B. Patent No.(s)

09/686,323

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Scott A. Horstemeyer
 Thomas, Kayden, Horstemeyer & Risley, L.L.P.
 100 Galleria Parkway, Suite 1750
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- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit Account Number:

20-0778
 (Attach duplicate copy of this page if paying by Deposit Account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Scott A. Horstemeyer

Typed Name

Signature

Date

Docket #: 50324-1290

Total number of pages including cover sheet, attachments, and document: [4]

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents, Box Assignments
 Washington, D.C. 20231

AssignCoverSht

Exhibit B

*Office of the Secretary of State*

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "ROCKWELL SEMICONDUCTOR SYSTEMS, INC.", CHANGING ITS NAME FROM "ROCKWELL SEMICONDUCTOR SYSTEMS, INC." TO "CONEXANT SYSTEMS, INC.", FILED IN THIS OFFICE ON THE FOURTEENTH DAY OF OCTOBER, A.D. 1998, AT 4:30 O'CLOCK P.M.



Edward J. Freel, Secretary of State

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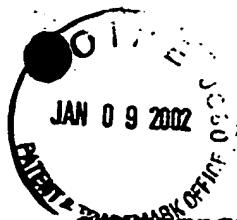
991151248

AUTHENTICATION:

9692520

DATE:

04-19-99



CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF

ROCKWELL SEMICONDUCTOR SYSTEMS, INC.

Pursuant to Section 242 of the General
Corporation Law of the State of Delaware

Rockwell Semiconductor Systems, Inc., a corporation organized and existing under the General Corporation Law of the State of Delaware (the "Corporation"), does hereby certify as follows:

FIRST: Resolutions setting forth a proposed amendment to the Certificate of Incorporation of the Corporation, declaring said amendment to be advisable and directing that said amendment be submitted to the sole shareowner of the Corporation for its consideration were duly adopted by the unanimous written consent of the Board of Directors of the Corporation dated as of October 13, 1998.

SECOND: Thereafter, said amendment was approved in accordance with Section 228 of the General Corporation law of the State of Delaware by the Consent of Sol Shareowner of the Corporation dated as of October 13, 1998.

THIRD: Said amendment would amend the Certificate of Incorporation of the Corporation by deleting Article FIRST and substituting in lieu thereof the following new Article FIRST, to read in its entirety as follows:

"FIRST: The name of the Corporation is
Conexant Systems, Inc."

FOURTH: Said amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

FIFTH: Said amendment shall become effective immediately upon filing of this Certificate of Amendment of Certificate of Incorporation with the Secretary of State of the State of Delaware.

IN WITNESS WHEREOF, the Corporation has caused this certificate to be signed by its officer thereunto duly authorized this 14th day of October, 1998.

ROCKWELL SEMICONDUCTOR SYSTEMS, INC.

By: Dwight N. Decker
President and Chief Executive
Officer